

Bank of Ayudhya

Bank of Ayudhya
Public Company Limited

BAY

Bloomberg BAY.TB
Reuters BAY.BK



3Q23: Larger ECL than expected

BAY's 3Q23 results reflected rising credit cost, modest loan growth, a big NIM expansion, higher non-NII and rising cost to income ratio. We keep our Outperform rating with an unchanged TP of Bt38.

3Q23: Miss on ECL. BAY reported 3Q23 net profit of Bt8.1bn (-4% QoQ, flat YoY), 5% below our forecast. The miss was due to higher-than-expected credit cost.

Highlights:

- 1) Asset quality: NPL ratio rose 18 bps QoQ. Credit cost rose 22 bps QoQ (+50 bps YoY) to 1.8%, above its full-year guidance of 1.5-1.6%. LLR coverage slipped to 151% from 157% at 2Q23. We raised our 2023F credit cost to 1.65% from 1.5%, expecting a rise QoQ in 4Q23.
- 2) Loan growth: +0.3% QoQ, +2.6% YoY, +3.5% YTD. Loan growth by segment: corporate +0.02% QoQ, -3.3% YoY, -1.2% YTD; SMEs +0.8% QoQ, +9.1% YoY, +9.1% YTD; retail +0.4% QoQ, +5.2% YoY, +4.9% YTD. We maintain our 2023F loan growth at 5%.
- 3) NIM: Better than expected, +38 bps QoQ as a 58 bps QoQ rise in yield on earning assets exceeded a 24 bps QoQ rise in cost of funds.
- 4) Non-NII: +7% QoQ (+14% YoY). Net fee income rose 12% QoQ and 22% YoY, driven by the consolidation of overseas businesses, credit card fees and loan related fees.
- 5) Cost to income ratio: +227 bps QoQ (+65 bps YoY), worse than anticipated. Opex rose 16% QoQ and 21%, mainly from the consolidation of overseas businesses.

4Q23 earnings outlook. We expect 4Q23F earnings to be stable QoQ but rise YoY (better NIM). We expect earnings growth to pick up to 13% in 2024F from 8% in 2023F due to lower credit cost and larger contribution from overseas businesses.

Maintain Outperform with an unchanged TP. We maintain our Outperform rating with an unchanged TP of Bt38 (0.7x 2023F BVPS).

Key risks: 1) Asset quality risk from high inflation and global economic slowdown and 2) slower-than-expected loan growth from sluggish loan demand.

Forecasts and valuation

Year to 31 Dec	Unit	2021	2022	2023F	2024F	2025F
Pre-provision profit	(Bt mn)	72,022	63,824	72,621	78,415	84,005
Net profit	(Bt mn)	33,794	30,713	33,256	37,453	42,281
PPP/Sh	(Bt)	9.79	8.68	9.87	10.66	11.42
EPS	(Bt)	4.59	4.18	4.52	5.09	5.75
BVPS	(Bt)	43.17	46.35	49.95	54.14	58.87
DPS	(Bt)	0.85	0.85	0.90	1.02	1.15
P/PPP	(x)	3.14	3.54	3.11	2.88	2.69
PPP growth	(%)	12.54	(11.38)	13.78	7.98	7.13
P/E	(x)	6.69	7.36	6.80	6.04	5.35
EPS growth	(%)	46.68	(9.12)	8.28	12.62	12.89
P/BV	(x)	0.71	0.66	0.62	0.57	0.52
ROE	(%)	11.17	9.33	9.39	9.78	10.17
Dividend yield	(%)	2.76	2.76	2.94	3.31	3.74

Source: InnovestX Research

Tactical: OUTPERFORM

(3-month)

Stock data

Last close (Oct 19) (Bt)	30.75
Target price (Bt)	38.00
Mkt cap (Btbn)	226.19
Mkt cap (US\$mn)	6,223

Beta	L
Mkt cap (%) SET	1.29
Sector % SET	10.59
Shares issued (mn)	7,356
Par value (Bt)	10.00
12-m high / low (Bt)	34 / 28
Avg. daily 6m (US\$mn)	0.43
Foreign limit / actual (%)	25 / 25
Free float (%)	23.1
Dividend policy (%)	≥ 30

Share performance

(%)	1M	3M	12M
Absolute	(2.4)	(3.1)	(2.4)
Relative to SET	3.4	3.5	9.3

Source: SET, InnovestX Research

2022 Sustainability /ESG Score

Sustainability Index (THSI)	Included
-----------------------------	----------

ESG Bloomberg Rank in the sector

ESG Score Rank	5/11
Environmental Score Rank	5/11
Social Score Rank	6/11
Governance Score Rank	2/11

ESG comment

BAY has a good ESG with concrete targets on environment issues and decent management and board of directors

Source: Bloomberg Finance L.P.

Analyst

Kittima Sattayapan, CFA

Fundamental Investment

Analyst on Securities

(66-2) 949-1003

kittima.sattayapan@scb.co.th

Our view on ESG

We view that BAY provides concrete targets on environmental and social issues with a committed timeline and measurable performance. We view BAY’s management and governance as satisfactory, with a decent board of directors.

ESG Disclosure Score

Bloomberg ESG Score	51.60 (2022)
Rank in Sector	5/11

	CG Rating 0-5	DJSI	SETTHSI	THSI
BAY	5	No	No	Yes

Source: Thai Institute of Directors (IOD), SET

Environmental Issue (E)

- BAY declared ‘Krungsri Carbon Neutrality Vision’ with the goals of 1) decarbonizing the Bank’s own operations by 2030 and 2) decarbonizing the Bank’s financial services by 2050.
- In 2022, BAY reduced electricity consumption by 436,772.31 units per year and mitigating indirect GHG emissions (Scope 2) by 218,342.47 kilograms of carbon dioxide equivalent (kgCO₂e).
- In 2022, 3,840 cubic meters of treated wastewater from the Head Office was reused for water plants, wash the ground floor parking area, and refill the fountains and 2,112 cubic meters of the water was reused in the cooling tower system.
- 2022 marked the fifth year of the ‘Krungsri Zero Waste’ project.

Social Issue (S)

- Key Performance for Fair Labor Practices and Respect for Human Rights: 36,974 total workforce; Bt27bn employee expenses; average 58.44 hours of training per employee; and 99.95% of employees passing refresher compulsory programs.
- BAY conducts a customer satisfaction survey on the Bank’s branch services nationwide on a yearly basis.
- Key Performance for Community and Social Responsibilities: Bt3.57mn investment for community and social development; Bt15mn donations; 7,007 volunteers; and 17,176 volunteer hours.

Governance Issue (G)

- The Board of Directors comprises 12 directors (including three women, one of whom is an independent director); six non-executive directors; four independent directors; and two executive directors.
- BAY stipulates that an independent director shall hold their position for no more than nine consecutive years from the date of first appointment as an independent director, according to the Bank of Thailand Notification.
- BAY has developed a compulsory course of Good Corporate Governance via Krungsri Learning Companion (KLC). All executives and employees must complete the course every two years or whenever it is significantly updated. Course participants must pass tests with a score meeting the benchmark.

ESG Disclosure Score

	2021	2022
ESG Disclosure Score	50.30	51.60
Environment	28.18	32.11
GHG Scope 1	8.19	8.42
GHG Scope 2 Location-Based	34.02	37.87
GHG Scope 3	1.55	19.26
Total Energy Consumption	92.81	99.10
Total Waste	–	0.38
Water Consumption	–	–
Social	32.71	32.71
Community Spending	–	–
Number of Customer Complaints	1,763.00	1,424.00
Pct Women in Management	52.84	53.48
Pct Women in Workforce	69.50	68.85
Number of Employees - CSR	33,397	34,245
Employee Turnover Pct	9.30	11.93
Total Hours Spent by Firm - Employee Training	1,945,710	2,001,280
Governance	89.86	89.86
Size of the Board	12	12
Number of Executives / Company Managers	16	15
Number of Non Executive Directors on Board	9	9
Number of Female Executives	3	4
Number of Women on Board	5	3
Number of Independent Directors	5	4

Source: Bloomberg Finance L.P.

Disclaimer

Bloomberg ESG Disclosure Scores rate companies on their level of disclosure of ESG data. Bloomberg offers four disclosure scores, for overall ESG, as well as Environmental, Social, and Governance. To review the fully transparent methodology, calculate disclosure scores for any company, and compare a company’s scores vs its peers, see ESG Disclosure Score Model in Bloomberg.

Financial statement
Profit and Loss Statement

FY December 31	Unit	2018	2019	2020	2021	2022	2023F	2024F	2025F
Interest & dividend income	(Btmn)	107,132	110,455	108,062	99,804	105,428	135,382	145,015	152,863
Interest expense	(Btmn)	31,803	34,032	26,758	21,824	21,650	37,760	40,507	41,966
Net interest income	(Btmn)	75,328	76,423	81,304	77,980	83,778	97,622	104,508	110,898
Non-interest income	(Btmn)	33,860	43,776	31,160	42,996	31,082	34,064	35,522	36,462
Non-interest expenses	(Btmn)	51,741	52,169	48,465	48,954	51,035	59,066	61,616	63,555
Pre-provision profit	(Btmn)	57,447	68,030	63,999	72,022	63,824	72,621	78,415	84,005
Provision	(Btmn)	26,180	28,203	36,644	31,604	26,652	32,969	33,733	33,522
Pre-tax profit	(Btmn)	31,267	39,827	27,355	40,417	37,172	39,651	44,682	50,483
Tax	(Btmn)	6,467	8,105	5,538	8,293	7,839	7,930	8,936	10,097
Equities & minority interest	(Btmn)	(13)	(1,026)	(1,223)	(1,670)	(1,380)	(1,535)	(1,707)	(1,895)
Core net profit	(Btmn)	24,813	32,749	23,040	33,794	30,713	33,256	37,453	42,281
Extra item	(Btmn)	0	0	0	0	0	0	0	0
Net profit	(Btmn)	24,813	32,749	23,040	33,794	30,713	33,256	37,453	42,281
EPS	(Bt)	3.37	4.45	3.13	4.59	4.18	4.52	5.09	5.75
DPS	(Bt)	0.85	0.85	0.35	0.85	0.85	0.90	1.02	1.15

Balance Sheet

FY December 31	Unit	2018	2019	2020	2021	2022	2023F	2024F	2025F
Cash	(Btmn)	34,679	33,830	30,333	29,371	29,810	30,381	31,914	33,236
Interbank assets	(Btmn)	245,553	331,431	523,385	346,816	460,920	460,920	460,920	460,920
Investments	(Btmn)	137,369	130,292	177,251	197,904	162,746	162,746	162,746	162,746
Gross loans	(Btmn)	1,672,018	1,817,877	1,832,935	1,890,376	1,949,409	2,046,879	2,169,692	2,299,874
Accrued interest receivable	(Btmn)	4,326	4,484	9,095	10,853	11,933	11,933	11,933	11,933
Loan loss reserve	(Btmn)	61,360	67,384	76,407	84,360	87,851	91,189	98,254	106,411
Net loans	(Btmn)	1,614,984	1,754,976	1,765,623	1,816,869	1,873,491	1,967,623	2,083,372	2,205,396
Total assets	(Btmn)	2,173,622	2,359,592	2,609,374	2,499,108	2,636,951	2,732,429	2,850,506	2,974,666
Deposits	(Btmn)	1,426,348	1,566,885	1,834,505	1,779,139	1,804,692	1,876,880	1,964,155	2,053,524
Interbank liabilities	(Btmn)	244,097	252,121	243,570	202,150	289,977	289,977	289,977	289,977
Borrowings	(Btmn)	155,650	175,667	146,119	118,977	98,199	98,199	98,199	98,199
Total liabilities	(Btmn)	1,929,904	2,087,476	2,320,195	2,180,872	2,295,192	2,364,153	2,451,428	2,540,797
Minority interest	(Btmn)	1,081	1,326	1,635	721	840	840	840	840
Paid-up capital	(Btmn)	73,558	73,558	73,558	73,558	73,558	73,558	73,558	73,558
Total Equities	(Btmn)	242,637	270,790	287,544	317,516	340,919	367,436	398,237	433,028
BVPS	(Bt)	32.99	36.81	39.09	43.17	46.35	49.95	54.14	58.87

Key Assumptions and Financial Ratios

FY December 31	Unit	2018	2019	2020	2021	2022	2023F	2024F	2025F
Growth									
YoY loan growth	(%)	7.84	8.72	0.83	3.13	3.12	5.00	6.00	6.00
YoY non-NII growth	(%)	7.00	29.29	(28.82)	37.99	(27.71)	9.60	4.28	2.65
Profitability									
Yield on earn'g assets	(%)	5.25	5.07	4.48	4.02	4.21	5.16	5.31	5.35
Cost on int-bear'g liab	(%)	1.78	1.78	1.27	1.01	1.01	1.69	1.75	1.75
Spread	(%)	3.47	3.29	3.21	3.01	3.20	3.47	3.55	3.60
Net interest margin	(%)	3.69	3.51	3.37	3.14	3.35	3.72	3.83	3.88
ROE	(%)	10.61	12.76	8.25	11.17	9.33	9.39	9.78	10.17
ROA	(%)	1.16	1.44	0.93	1.32	1.20	1.24	1.34	1.45
Asset Quality									
NPLs/Total Loans	(%)	2.30	2.27	2.49	2.51	2.76	2.90	2.92	2.92
LLR/NPLs	(%)	159.60	163.02	167.30	177.79	163.06	153.87	154.95	158.31
Provision expense/Total loans	(%)	1.62	1.62	2.01	1.70	1.39	1.65	1.60	1.50
Liquidity									
Loans/Deposits & borrowings	(%)	105.69	104.32	92.54	99.59	102.44	103.64	105.20	106.89
Efficiency									
Cost to income ratio	(%)	47.67	47.27	43.14	44.48	44.42	44.85	44.00	42.99
Capital Fund									
Capital adequacy ratio	(%)	16.14	17.80	19.10	20.09	20.23	19.56	19.90	20.37
Tier-1	(%)	12.52	13.26	14.51	15.61	15.93	15.57	16.12	16.77
Tier-2	(%)	3.62	4.54	4.59	4.48	4.30	3.99	3.79	3.60

Financial statement
Profit and Loss Statement

FY December 31	Unit	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23
Interest & dividend income	(Btmn)	25,004	24,751	25,505	26,734	28,437	29,117	32,504	36,544
Interest expense	(Btmn)	5,069	4,880	4,962	5,350	6,459	7,927	9,205	10,611
Net interest income	(Btmn)	19,936	19,872	20,544	21,384	21,978	21,190	23,299	25,933
Non-interest income	(Btmn)	8,462	7,935	7,705	7,923	7,519	8,469	8,440	9,040
Non-interest expenses	(Btmn)	12,633	12,063	12,335	13,212	13,426	13,330	13,794	15,993
Earnings before tax & provision	(Btmn)	15,764	15,744	15,914	16,095	16,071	16,329	17,945	18,980
Provision	(Btmn)	8,128	6,783	6,567	6,347	6,955	5,798	7,811	9,052
Pre-tax profit	(Btmn)	7,636	8,961	9,348	9,747	9,116	10,531	10,134	9,928
Tax	(Btmn)	1,590	1,913	1,861	2,036	2,029	2,199	2,051	2,199
Equities & minority interest	(Btmn)	(338)	(370)	(347)	(358)	(305)	(345)	(343)	(367)
Core net profit	(Btmn)	6,385	7,418	7,834	8,070	7,391	8,676	8,425	8,096
Extra item	(Btmn)	0	0	0	0	0	0	0	0
Net profit	(Btmn)	6,385	7,418	7,834	8,070	7,391	8,676	8,425	8,096
EPS	(Bt)	0.87	1.01	1.06	1.10	1.00	1.18	1.15	1.10

Balance Sheet

FY December 31	Unit	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23
Cash	(Btmn)	29,371	27,104	27,691	26,981	29,810	27,716	27,149	26,694
Interbank assets	(Btmn)	346,816	433,126	413,507	366,348	460,920	504,431	441,595	477,082
Investments	(Btmn)	197,904	193,822	164,144	161,742	162,746	166,690	161,271	165,137
Gross loans	(Btmn)	1,890,376	1,928,570	1,948,720	1,965,013	1,949,409	1,954,554	2,010,098	2,016,837
Accrued interest receivable	(Btmn)	10,853	11,275	11,696	12,049	11,933	12,134	13,293	13,700
Loan loss reserve	(Btmn)	0	0	0	0	0	0	0	0
Net loans	(Btmn)	1,901,229	1,939,845	1,960,416	1,977,062	1,961,342	1,966,688	2,023,391	2,030,537
Total assets	(Btmn)	2,499,108	2,607,615	2,599,139	2,590,135	2,636,951	2,684,137	2,698,217	2,759,717
Deposits	(Btmn)	1,779,139	1,829,180	1,819,012	1,713,701	1,804,692	1,858,656	1,797,835	1,772,228
Interbank liabilities	(Btmn)	202,150	251,030	245,877	317,476	289,977	272,549	318,298	384,402
Borrowings	(Btmn)	118,977	122,027	108,161	102,759	98,199	102,032	105,427	106,622
Total liabilities	(Btmn)	2,180,872	2,282,789	2,270,986	2,256,092	2,295,192	2,334,175	2,340,199	2,395,539
Minority interest	(Btmn)	721	764	752	797	840	931	2,716	2,852
Paid-up capital	(Btmn)	73,558	73,558	73,558	73,558	73,558	73,558	73,558	73,558
Total Equities	(Btmn)	317,516	324,063	327,402	333,245	340,919	349,032	355,301	361,327
BVPS	(Bt)	43.17	44.06	44.51	45.30	46.35	47.45	48.30	49.12

Financial Ratios

FY December 31	Unit	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23
Growth									
YoY loan growth	(%)	3.13	4.85	7.03	5.97	3.12	1.35	3.15	2.64
YoY non-NII growth	(%)	0.71	0.69	(58.97)	0.59	(11.14)	6.73	9.54	14.10
Profitability									
Yield on earn'g assets	(%)	4.13	3.97	4.02	4.26	4.49	4.48	4.96	5.55
Cost on int-bear'g liab	(%)	0.97	0.91	0.91	0.99	1.19	1.43	1.65	1.89
Spread	(%)	3.17	3.06	3.11	3.27	3.30	3.05	3.31	3.65
Net interest margin	(%)	3.30	3.19	3.23	3.41	3.47	3.26	3.56	3.94
ROE	(%)	8.13	9.25	9.62	9.77	8.77	10.06	9.57	9.04
ROA	(%)	1.02	1.14	1.21	1.25	1.12	1.29	1.25	1.17
Asset Quality									
NPLs/Total Loans	(%)	2.51	2.43	2.48	2.69	2.76	2.77	2.76	2.93
LLR/NPLs	(%)	177.79	184.28	189.20	169.97	163.06	162.49	157.16	150.94
Provision expense/Total loans	(%)	1.74	1.42	1.35	1.30	1.42	1.19	1.58	1.80
Liquidity									
Loans/Deposits & borrowings	(%)	99.59	98.84	101.12	108.18	102.44	99.69	105.61	107.34
Efficiency									
Cost to income ratio	(%)	44.50	43.38	43.60	45.08	45.52	44.94	43.46	45.73
Capital Fund									
Capital adequacy ratio	(%)	20.09	19.72	19.54	19.93	20.23	17.95	17.72	18.38
Tier-1	(%)	15.61	15.29	15.23	15.74	15.93	13.21	13.00	13.66
Tier-2	(%)	4.48	4.43	4.31	4.19	4.30	4.74	4.72	4.72

Figure 1: Quarterly results

P & L (Bt mn)	3Q22	2Q23	3Q23	%YoY ch	%QoQ ch	9M22	9M23	% YoY ch	% full year
Interest income	26,734	32,504	36,544	37	12	76,991	98,165	28	72
Interest expense	5,350	9,205	10,611	98	15	15,191	27,743	83	73
Net interest income	21,384	23,299	25,933	21	11	61,800	70,423	14	72
Non-interest income	7,923	8,440	9,040	14	7	23,563	25,950	10	77
Operating expenses	13,212	13,794	15,993	21	16	37,609	43,118	15	73
Pre-provision profit	16,095	17,945	18,980	18	6	47,753	53,255	12	73
Provision	6,347	7,811	9,052	43	16	19,697	22,662	15	69
Pre-tax profit	9,747	10,134	9,928	2	(2)	28,056	30,593	9	76
Income tax	2,036	2,051	2,199	8	7	5,809	6,450	11	80
MI and equity	358	343	367	3	7	1,075	1,055	(2)	NA
Net profit	8,070	8,425	8,096	0	(4)	23,322	25,198	8	75
EPS (Bt)	1.10	1.15	1.10	0	(4)	3.17	3.43	8	75
B/S (Bt mn)	3Q22	2Q23	3Q23	%YoY ch	%QoQ ch	9M22	9M23	%YoY ch	% full year
Gross loans	1,965,013	2,010,098	2,016,837	2.6	0.3	1,965,013	2,016,837	3	NM
Deposits	1,713,701	1,797,835	1,772,228	3	(1)	1,713,701	1,772,228	3	NM
BVPS (Bt)	45.30	48.30	49.12	8	2	45.30	49.12	8	NM
Ratios (%)	3Q22	2Q23	3Q23	%YoY ch*	%QoQ ch*	9M22	9M23	YoY ch*	% full year
Yield on earn. asset	4.26	4.96	5.55	1.28	0.58	4.10	5.00	0.90	NM
Cost of funds	0.99	1.65	1.89	0.90	0.24	0.94	1.66	0.72	NM
Net interest margin	3.41	3.56	3.94	0.53	0.38	3.29	3.59	0.29	NM
Cost to income	45.08	43.46	45.73	0.65	2.27	44.04	-	(44.04)	NM
Credit cost	1.30	1.58	1.80	0.50	0.22	1.34	1.50	0.16	NM
NPLs/total loans	2.69	2.76	2.93	0.24	0.18	2.69	2.93	0.24	NM
LLR/NPLs	169.97	157.16	150.94	(19.03)	(6.22)	169.97	150.94	(19.03)	NM

Source: InnovestX Research

Note: * Percentage points

Figure 2: Valuation summary (price as of Oct 19, 2023)

	Rating	Price (Bt/Sh)	Target (Bt/Sh)	ETR (%)	P/E (x)			EPS growth (%)			P/BV (x)			ROE (%)			Div. Yield (%)		
					22A	23F	24F	22A	23F	24F	22A	23F	24F	22A	23F	24F	22A	23F	24F
BAY	Outperform	30.75	38.0	26.5	7.4	6.8	6.0	(9)	8	13	0.7	0.6	0.6	9	9	10	2.8	2.9	3.3
BBL	Outperform	168.50	210.0	28.5	11.0	7.1	6.3	11	55	12	0.6	0.6	0.6	6	9	9	2.7	3.9	4.2
KBANK	Neutral	126.50	143.0	16.3	8.4	7.6	7.1	(6)	10	7	0.6	0.6	0.5	7	8	8	3.2	3.3	3.5
KKP	Neutral	52.50	60.0	19.4	5.8	6.9	5.9	20	(15)	18	0.8	0.7	0.7	14	11	12	6.2	5.1	6.0
KTB	Outperform	19.30	25.0	34.1	8.0	6.6	6.3	56	21	5	0.7	0.7	0.6	9	10	10	3.5	4.5	4.8
SCB	No rec	103.50			9.3	8.2	7.6	6	13	8	0.8	0.7	0.7	8	9	9	6.5	7.3	7.9
TCAP	Neutral	48.75	54.0	17.7	10.7	8.4	8.1	0	27	3	0.8	0.7	0.7	8	9	9	6.4	7.0	7.4
TISCO	Outperform	98.00	108.0	18.2	10.9	10.6	10.6	6	2	1	1.8	1.9	1.9	17	17	18	7.9	8.0	8.0
TTB	Neutral	1.72	1.8	7.2	11.7	9.1	8.6	35	29	5	0.8	0.7	0.7	7	8	8	4.2	5.5	5.8
Average					9.2	7.9	7.4	6	17	9	0.8	0.8	0.8	10	10	10	4.8	5.3	5.6

Source: InnovestX Research

Disclaimer

The information in this report has been obtained from sources believed to be reliable. However, its accuracy or completeness is not guaranteed. Any opinions expressed herein reflect our judgment at this date and are subject to change without notice. This report is for information only. It is not to be construed as an offer, or solicitation of an offer to sell or buy any securities. We accept no liability for any loss arising from the use of this document. We or our associates may have an interest in the companies mentioned therein.

InnovestX Securities Company Limited (“INVX”) is wholly owned by SCB X Public Company Limited (“SCBX”) and The Siam Commercial Bank Public Company Limited (“SCB”) is majority-owned by SCBX. Any information related to SCB is for sector comparison purpose.

This document is prepared by InnovestX Securities Company Limited (“INVX”) which is wholly-owned by SCB X Public Company Limited (“SCBX”). The Siam Commercial Bank Public Company Limited, which is majority-owned by SCBX, acts as financial advisor of the SCG Chemicals Public Company Limited (SCGC). Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the “Information”) is provided as general information purposes only and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. INVX and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and INVX cannot guarantee the accuracy, completeness and/or correctness of the Information.

This document is prepared by InnovestX Securities Company Limited (“INVX”) which is wholly-owned by SCB X Public Company Limited (“SCBX”). The Siam Commercial Bank Public Company Limited, which is majority-owned by SCBX, acts as financial advisor of the Big C Retail Company Limited (BRC), a subsidiary of Berli Jucker Public Company Limited. Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the “Information”) is provided as general information purposes only and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. INVX and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and INVX cannot guarantee the accuracy, completeness and/or correctness of the Information.

This document is prepared by InnovestX Securities Company Limited (“INVX”) which is wholly owned by SCB X Public Company Limited (“SCBX”). The Siam Commercial Bank Public Company Limited, which is majority-owned by SCBX, acts as financial advisor of the LH Hotel Leasehold Real Estate Investment Trust. Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the “Information”) is provided as general information purposes only and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. INVX and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and INVX cannot guarantee the accuracy, completeness and/or correctness of the Information.

INVX reserves the right to modify the Information from time to time without notice and in its sole discretion. This document is delivered to intended recipient(s) only and is not permitted to reproduce, retransmit, disseminate, sell, distribute, republish, circulate or commercially exploit the Information in any manner without the prior written consent of INVX.

Futures and Options trading carry a high level of risk with the potential for substantial losses, and are not suitable for all persons. Before deciding to trade Futures and Options, you should carefully consider your financial position, investment objectives, level of experience, and risk appetite if Futures and Options trading are appropriate. The possibility exists that you could sustain a loss of some or all of your initial investment. You should be aware of all the risks associated with Futures and Options trading, and you are advised to rely on your own judgment while making investment decision and/or should seek advice from professional investment advisor if you have any doubts.

This document is delivered to intended recipient(s) only and is not permitted to reproduce, retransmit, disseminate, sell, distribute, republish, circulate or commercially exploit the Information in any manner without the prior written consent of INVX.

© Copyright 2022 InnovestX Securities Co., Ltd. All right reserved.

CG Rating 2022 Companies with CG Rating

Companies with Excellent CG Scoring

AAV, ADVANC, AF, AH, AIRA, AJ, AKP, AKR, ALLA, ALT, AMA, AMARIN, AMATA, AMATAV, ANAN, AOT, AP, APURE, ARIP, ASP, ASW, AUCTION, AWC, AYUD, BAFS, BAM, BANPU, BAY, BBIK, BBL, BCP, BCPG, BDMS, BEM, BEYOND, BGC, BGRIM, BIZ, BKI, BOL, BPP, BRR, BTS, BTW, BWG, CENTEL, CFRESH, CGH, CHEWA, CHO, CIMBT, CK, CKP, CM, CNT, COLOR, COM7, COMAN, COTTO, CPALL, CPAXT, CPF, CPI, CPN, CRC, CSS, DDD, DELTA, DEMCO, DOHOME, DRT, DTAC, DUSIT, EA, EASTW, ECF, ECL, EE, EGCO, EPG, ETC, ETE, FN, FNS, FPI, FPT, FSMART, FVC, GC, GEL, GFPT, GGC, GLAND, GLOBAL, GPI, GPSC, GRAMMY, GULF, GUNKUL, HANA, HARN, HENG, HMPRO, ICC, ICHI, III, ILINK, ILM, IND, INTUCH, IP, IRC, IRPC, ITEL, IVL, JTS, JWD, K, KBANK, KCE, KEX, KGI, KKP, KSL, KTB, KTC, LALIN, LANNA, LHFG, LIT, LOXLEY, LPN, LRH, LST, MACO, MAJOR, MALEE, MBK, MC, MCOAT, METCO, MFEC, MINT, MONO, MOONG, MSC, MST, MTC, MVB, NCL, NEP, NER, NKI, NOBLE, NSI, NVD, NYT, OISHI, OR, ORI, OSP, OTO, PAP, PCSGH, PDG, PDJ, PG, PHOL, PLANB, PLANET, PLAT, PORT, PPS, PR9, PREB, PRG, PRM, PSH, PSL, PTG, PTT, PTTEP, PTTGC, PYLON, Q-CON, QH, QTC, RATCH, RBF, RS, S, S&J, SAAM, SABINA, SAMART, SAMTEL, SAT, SC, SCB, SCC, SCCC, SCG, SCGP, SCM, SCN, SDC, SEAFSCO, SEAOLIL, SE-ED, SELIC, SENA, SENX, SGF, SHR, SICT, SIRI, SIS, SITHAI, SMP, SNC, SONIC, SORKON, SPALI, SPI, SPRC, SPVI, SSC, SSSC, SST, STA, STEC, STGT, STI, SUN, SUSCO, SUTHA, SVI, SYMC, SYNTEC, TACC, TASCO, TCAP, TEAMG, TFMAMA, THANA, THANI, THCOM, THG, THIP, THRE, THREL, TIPCO, TISCO, TK, TKN, TKS, TKT, TMILL, TMT, TNDT, TNITY, TOA, TPBI, TQM, TRC, TRUE, TSC, TSR, TSTE, TSTH, TTA, TTB, TTCL, TTW, TU, TVDH, TVI, TVO, TWPC, U, UAC, UBIS, UPOIC, UV, VCOM, VGI, VIH, WACOAL, WAVE, WHA, WHAUP, WICE, WINNER, XPG, ZEN

Companies with Very Good CG Scoring

2S, 7UP, ABICO, ABM, ACE, ACG, ADB, ADD, AEONTS, AGE, AHC, AIE, AIT, ALUCON, AMANAH, AMR, APCO, APCS, AQUA, ARIN, ARROW, AS, ASAP, ASEFA, ASIA, ASIAN, ASIMAR, ASK, ASN, ATP30, B, BA, BC, BCH, BE8, BEC, SCAP, BH, BIG, BJC, BJCHI, BLA, BR, BRI, BROOK, BSM, BYD, CBG, CEN, CHARAN, CHAYO, CHG, CHOTI, CHOW, CI, CIG, CITY, CIVIL, CMC, CPL, CPW, CRANE, CRD, CSC, CSP, CV, CWT, DCC, DHOUSE, DITTO, DMT, DOD, DPAINT, DV8, EASON, EFORL, ERW, ESSO, ESTAR, FE, FLOYD, FORTH, FSS, FTE, GBX, GCAP, GENCO, GJS, GTB, GYT, HEALTH, HPT, HTC, HUMAN, HYDRO, ICN, IFS, IIG, IMH, INET, INGRS, INSET, INSURE, IRCP, IT, ITD, J, JAS, JCK, JCHK, JMT, JR, KBS, KCAR, KIAT, KISS, KK, KOOL, KTIS, KUMWEL, KUN, KWC, KWM, L&E, LDC, LEO, LH, LHK, M, MATCH, MBAX, MEGA, META, MFC, MGT, MICRO, MILL, MITSIB, MK, MODERN, MTI, NBC, NCAP, NCH, NDR, NETBAY, NEX, NINE, NATION, NNCL, NOVA, NPK, NRF, NTV, NUSA, NWR, OCC, OGC, ONEE, PACO, PATO, PB, PICO, PIMO, PIN, PJW, PL, PLE, PM, PMTA, PPP, PPM, PRAPAT, PRECHA, PRIME, PRIN, PROEN, PROS, PROUD, PSG, PSTC, PT, PTC, QLT, RCL, RICHY, RJH, ROJNA, RPC, RT, RWI, S11, SA, SABUY, SAK, SALEE, SAMCO, SANKO, SAPPE, SAWAD, SCI, SCP, SE, SECURE, SFLEX, SFP, SFT, SGP, SIAM, SINGER, SKE, SKN, SKR, SKY, SLP, SMART, SMD, SMIT, SMT, SNNP, SNP, SO, SPA, SPD, SPCG, SR, SRICHA, SSF, SSP, STANLY, STC, STPI, SUC, SVOA, SVT, SWC, SYNEX, TAE, TAKUNI, TCC, TCMC, TFG, TFI, TFM, TGH, TIDLOR, TIGER, TIPH, TITLE, TM, TMC, TMD, TMI, TNL, TNP, TNR, TOG, TPA, TPAC, TPCS, TPIPL, TPIPP, TPLAS, TPS, TQR, TRITN, TRT, TRU, TRV, TSE, TVT, TWP, UBE, UEC, UKEM, UMI, UOBKH, UP, UPF, UTP, VIBHA, VL, VPO, VRANDA, WGE, WIJK, WIN, WINMED, WORK, WP, XO, YUASA, ZIGA

Companies with Good CG Scoring

A, A5, AI, ALL, ALPHAX, AMC, APP, AQ, AU, B52, BEAUTY, BGT, BLAND, BM, BROCK, BSBM, BTNC, CAZ, CCP, CGD, CMAN, CMO, CMR, CPANEL, CPT, CSR, CTW, D, DCON, EKH, EMC, EP, EVER, F&D, FMT, GIFT, GLOCON, GLORY, GREEN, GSC, HL, HTECH, IHL, INOX, JAK, JMART, JSP, JUBILE, KASET, KCM, KWI, KYE, LEE, LPH, MATI, M-CHAI, MCS, MDX, MENA, MJD, MORE, MUD, NC, NEWS, NFC, NSL, NV, PAF, PEACE, PF, PK, PPM, PRAKIT, PTL, RAM, ROCK, RP, RPH, RSP, SIMAT, SISB, SK, SOLAR, SPACK, SPG, SQ, STARK, STECH, SUPER, SVH, PTECH, TC, TCCC, TCJ, TEAM, THE, THMUI, TKC, TNH, TNPC, TOPP, TPCH, TPOLY, TRUBB, TTI, TYCN, UMS, UNIQUA, UREKA, VARO, W, WFX, WPH, YGG, ZAA

Corporate Governance Report

The material contained in this publication is for general information only and is not intended as advice on any of the matters discussed herein. Readers and others should perform their own independent analysis as to the accuracy or completeness or legality of such information. The Thai Institute of Directors, its officers, the authors and editor make no representation or warranty as to the accuracy, completeness or legality of any of the information contained herein. By accepting this document, each recipient agrees that the Thai Institute of Directors Association, its officers, the authors and editor shall not have any liability for any information contained in, or for any omission from, this publication.

The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date. InnovestX Securities Company Limited does not conform nor certify the accuracy of such survey result.

To recognize well performers, the list of companies attaining "Good", "Very Good" and "Excellent" levels of recognition (Not including listed companies qualified in the "no announcement of the results" clause from 1 January 2021 to 27 October 2022) is publicized.

* บริษัทหรือกรรมการหรือผู้บริหารของบริษัทที่มีส่วนดำเนินการกำกับดูแลกิจการ เช่น การระดมทุนเกี่ยวกับหลักทรัพย์ การทุจริต คอร์รัปชัน เป็นต้น ซึ่งการใช้ข้อมูล CGR ควรระมัดระวังถึงข้อจำกัดก่อนด้วย

Anti-corruption Progress Indicator

Certified (ได้รับรับรอง)

2S, 7UP, AAI, ADVANC, AF, AH, AI, AIE, AIRA, AJ, AKP, AMA, AMANAH, AMATA, AMATAV, AP, APCS, AS, ASIAN, ASK, ASP, AWC, AYUD, B, BAFS, BAM, BANPU, BAY, BBL, BCH, BCP, BCPG, BE8, BEC, BEYOND, BGC, BGRIM, BKI, BLA, BPP, BROOK, BRR, BSBM, BTS, BWG, CEN, CENTEL, CFRESH, CGH, CHEWA, CHOTI, CHOW, CIG, CIMBT, CM, CMC, COM7, COTTO, CPALL, CPAXT, CPF, CPI, CPL, CPN, CPW, CRC, CSC, DCC, DELTA, DEMCO, DIMET, DRT, DUSIT, EA, EASTW, ECF, EGCO, EP, EPG, ERW, ESTAR, ETC, ETE, FNS, FPI, FPT, FSMART, FTE, GBX, GC, GCAP, GEL, GFPT, GGC, GJS, GPI, GPSC, GSTEEL, GULF, GUNKUL, HANA, HARN, HENG, HMPRO, HTC, ICC, ICHI, IFS, III, ILINK, ILM, INET, INOX, INSURE, INTUCH, IRPC, ITEL, IVL, JAS, JKN, JR, JTS, KASET, KBANK, KBS, KCAR, KCC, KCE, KGEN, KGI, KKP, KSL, KTB, KTC, L&E, LANNA, LHFG, LHK, LPN, LRH, M, MAJOR, MALEE, MATCH, MBAX, MBK, MC, MCOAT, META, MFC, MFEC, MILL, MINT, MONO, MOONG, MSC, MST, MTC, MTI, NATION, NCAP, NEP, NKI, NOBLE, NOK, NRF, NWR, OCC, OGC, OR, ORI, PAP, PATO, PB, PCSGH, PDG, PDJ, PG, PHOL, PIMO, PK, PL, PLANB, PLANET, PLAT, PM, PPP, PPM, PPS, PR9, PREB, PRG, PRINC, PRM, PROS, PSH, PSL, PSTC, PT, PTECH, PTG, PTT, PTTEP, PTTGC, PYLON, Q-CON, QH, QLT, QTC, RABBIT, RATCH, RML, RS, RWI, S&J, SAAM, SABINA, SAK, SAPPE, SAT, SC, SCC, SCCC, SCG, SCGP, SCM, SCN, SEAOLIL, SE-ED, SELIC, SENA, SGC, SGP, SINGER, SIRI, SITHAI, SKR, SMIT, SMK, SMP, SNC, SNP, SORKON, SPACK, SPALI, SPC, SPI, SPRC, SRICHA, SSF, SSP, SSSC, SST, STA, STGT, STOWER, SUSCO, SVI, SYMC, SYNTEC, TAE, TAKUNI, TASCO, TCAP, TCMC, TFG, TFI, TFMAMA, TGH, THANI, THCOM, THIP, THRE, THREL, TIDLOR, TIPCO, TISCO, TKS, TKT, TMD, TMILL, TMT, TNITY, TNL, TNP, TNR, TOG, TOP, TOPP, TPA, TPCS, TRT, TRU, TSC, TSI, TSTE, TSTH, TTA, TTB, TTCL, TU, TVDH, TVO, TWPC, UBE, UBIS, UEC, UKEM, UOBKH, UV, VCOM, VGI, VIH, WACOAL, WHA, WHAUP, WICE, WIJK, XO, YUASA, ZEN, ZIGA

Declared (ประกาศจนครบ)

ACE, ADB, ASW, BBGI, BRI, BTG, BYD, CAZ, CBG, CI, CV, DEXON, DMT, DOHOME, EKH, EVER, GLOBAL, GREEN, ICN, ITC, J, JMART, JMT, LEO, LH, MEGA, MENA, MITSIB, MODERN, NER, OSP, OTO, POLY, PQS, PRIME, PROEN, PRTR, RBF, RT, SA, SANKO, SENX, SFLEX, SIS, SKE, SM, SUPER, SVOA, SVT, TBN, TEGH, TGE, TIPH, TKN, TPLAS, TQM, TRUE, VARO, VIBHA, W, WIN, WPH, XPG

N/A

24CS, 3K-BAT, A, A5, AAV, ABM, ACAP, ACC, ACG, ADD, AEONTS, AFC, AGE, AHC, AIT, AJA, AKR, AKS, ALL, ALLA, ALPHAX, ALT, ALUCON, AMARC, AMARIN, AMC, AMR, ANAN, AOT, APCO, APEX, APP, APURE, AQUA, ARIN, ARI, ARIP, ARROW, ASAP, ASEFA, ASIA, ASIMAR, ASN, ATP30, AU, AUCTION, AURA, B52, BA, BBIK, BC, BCT, BDMS, BEAUTY, BEM, BGT, BH, BIG, BIOTEC, BIS, BIZ, BJC, BJCHI, BKD, BLAND, BLC, BLESS, BLISS, BM, BOL, BR, BROCK, BSM, BTNC, BTW, BUI, BVG, CCET, CCP, CEYE, CGD, CH, CHARAN, CHASE, CHAYO, CHG, CHIC, CHO, CITY, CIVIL, CK, CKP, CMAN, CMO, CMR, CNT, COCOCO, COLOR, COMAN, CPANEL, CPH, CPR, CPT, CRANE, CRD, CSP, CSR, CSS, CTW, CWT, D, DCON, DDD, DHOUSE, DITTO, DOD, DPAINT, DTCENT, DTCI, DV8, EASON, ECL, EE, EFORL, EMC, ESSO, F&D, FANCY, FE, FLOYD, FMT, FN, FORTH, FSX, FTI, FVC, GABLE, GENCO, GFC, GIFT, GL, GLAND, GLOCON, GLORY, GRAMMY, GRAND, GSC, GTB, GTV, GYT, HEALTH, HFT, HL, HPT, HTECH, HUMAN, HYDRO, I2, IFEC, IHL, IIG, IMH, IND, INGRS, INSET, IP, IRC, IRCP, IT, ITD, ITNS, ITTHI, JAK, JCK, JCHK, JCT, JDF, JPARK, JSP, JUBILE, K, KAMART, KC, KCG, KCM, KDH, KEX, KIAT, KISS, KJL, KK, KKC, KLINI, KOOL, KTIS, KTMS, KUMWEL, KUN, KWC, KWI, KWM, KYE, LALIN, LDC, LEE, LIT, LOXLEY, LPH, LST, MACO, MANRIN, MASTER, MATI, MAX, M-CHAI, MCS, MDX, MEB, METCO, MGC, MGT, MICRO, MIDA, MJD, MK, ML, MORE, MOSHI, MTW, MUD, MVP, NC, NCH, NCL, NDR, NETBAY, NEW, NEWS, NEX, NFC, NNCL, NOVA, NPK, NSL, NTSC, NTV, NUSA, NV, NVD, NYT, OHTL, ONEE, PACE, PACO, PAF, PCC, PEACE, PERM, PF, PHG, PICO, PIN, PJW, PLE, PLT, PLUS, PMTA, POLAR, POMPU, PORT, POST, PPM, PRAKIT, PRAPAT, PRECHA, PRI, PRIN, PRO, PROUD, PSG, PSP, PTC, PTL, RAM, RCL, READY, RICHY, RJH, ROCK, ROH, ROJNA, RP, RPC, RPH, RSP, SA, S11, SABUY, SAF, SAFARI, SALEE, SAM, SAMART, SAMCO, SAMTEL, SAUCE, SAV, SAWAD, SAWANG, SBNEXT, SCAP, SCB, SCI, SCP, SDC, SE, SEAFSCO, SECURE, SFT, SGF, SHANG, SHR, SIAM, SICT, SIMAT, SINO, SISB, SJWD, SK, SKN, SKY, SLM, SLP, SMART, SMD, SMT, SNNP, SO, SOLAR, SONIC, SPA, SPCG, SPG, SPVI, SQ, SR, SRS, SSC, SSS, STANLY, STARK, STC, STEC, STECH, STHAI, STI, STP, STPI, SUC, SUN, SUTHA, SVR, SWC, SYNEX, TACC, TAN, TAPAC, TC, TCC, TCJ, TCOAT, TEAM, TEAMG, TEKA, TFM, TGPRO, TH, THAI, THANA, THE, THG, THMUI, TIGER, TITLE, TK, TKC, TLI, TM, TMC, TMI, TMW, TNDT, TNH, TNPC, TOA, TPAC, TPBI, TPCH, TPIPL, TPIPP, TPL, TPOLY, TPP, TPS, TQR, TR, TRC, TRITN, TRUBB, TRV, TSE, TTI, TTT, TTW, TURTLE, TVH, TVT, TWP, TWZ, TYCN, UAC, UBA, UMI, UMS, UNIQUA, UP, UPF, UPOIC, UREKA, UTP, UVAN, VL, VNG, VPO, VRANDA, WARRIX, WAVE, WFX, WGE, WINMED, WINNER, WORK, WORLD, WP, YGG, YONG, ZAA

Explanations

Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of July 25, 2023) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC.